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<110> Li, Ming

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<140> US 09/383,894

<141> 1999-08-26

<150> US 60/098,004

<151> 1998-08-26

<150> US 60/117,399

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<170> PatentIn Ver. 2.1

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Thr Met Asp Asn Val Ala Thr Phe Cys Met Leu Leu Met Leu Phe Ile  
915 920 925

Phe Ile Phe Ser Ile Leu Gly Met His Leu Phe Gly Cys Lys Phe Ala  
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 Ser Glu Arg Asp Gly Asp Thr Leu Pro Asp Arg Lys Asn Phe Asp Ser  
 945 950 955 960  
 Leu Leu Trp Ala Ile Val Thr Val Phe Gln Ile Leu Thr Gln Glu Asp  
 965 970 975  
 Trp Asn Lys Val Leu Tyr Asn Gly Met Ala Ser Thr Ser Ser Trp Ala  
 980 985 990  
 Ala Leu Tyr Phe Ile Ala Leu Met Thr Phe Gly Asn Tyr Val Leu Phe  
 995 1000 1005  
 Asn Leu Leu Val Ala Ile Leu Val Glu Gly Phe Gln Ala Glu Glu Ile  
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 Gly Lys Arg Glu Asp Ala Ser Gly Gln Leu Ser Cys Ile Gln Leu Pro  
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 Val Asn Ser Gln Gly Gly Asp Ala Thr Lys Ser Glu Ser Glu Pro Asp  
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 Phe Phe Ser Pro Ser Val Asp Gly Asp Gly Asp Arg Lys Lys Arg Leu  
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 Ala Leu Val Ala Leu Gly Glu His Ala Glu Leu Arg Lys Ser Leu Leu  
 1075 1080 1085  
 Pro Pro Leu Ile Ile His Thr Ala Ala Thr Pro Met Ser Leu Pro Lys  
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 Ser Ser Ser Thr Gly Val Gly Glu Ala Leu Gly Ser Gly Ser Arg Arg  
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 Thr Ser Ser Ser Gly Ser Ala Glu Pro Gly Ala Ala His His Glu Met  
 1125 1130 1135  
 Lys Ser Pro Pro Ser Ala Arg Ser Ser Pro His Ser Pro Trp Ser Ala  
 1140 1145 1150  
 Ala Ser Ser Trp Thr Ser Arg Arg Ser Ser Arg Asn Ser Leu Gly Arg  
 1155 1160 1165  
 Ala Pro Ser Leu Lys Arg Arg Ser Pro Ser Gly Glu Arg Arg Ser Leu  
 1170 1175 1180

Leu Ser Gly Glu Gly Gln Glu Ser Gln Asp Glu Glu Glu Ser Ser Glu  
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 Glu Asp Arg Ala Ser Pro Ala Gly Ser Asp His Arg His Arg Gly Ser  
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 Leu Glu Arg Glu Ala Lys Ser Ser Phe Asp Leu Pro Asp Thr Leu Gln  
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 Val Pro Gly Leu His Arg Thr Ala Ser Gly Arg Ser Ser Ala Ser Glu  
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 His Gln Asp Cys Asn Gly Lys Ser Ala Ser Gly Arg Leu Ala Arg Thr  
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 Leu Arg Thr Asp Asp Pro Gln Leu Asp Gly Asp Asp Asp Asn Asp Glu  
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 Gly Asn Leu Ser Lys Gly Glu Arg Ile Gln Ala Trp Val Arg Ser Arg  
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 Leu Pro Ala Cys Cys Arg Glu Arg Asp Ser Trp Ser Ala Tyr Ile Phe  
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 Pro Pro Gln Ser Arg Phe Arg Leu Leu Cys His Arg Ile Ile Thr His  
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 Lys Met Phe Asp His Val Val Leu Val Ile Ile Phe Leu Asn Cys Ile  
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 Thr Ile Ala Met Glu Arg Pro Lys Ile Asp Pro His Ser Ala Glu Arg  
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 Ile Phe Leu Thr Leu Ser Asn Tyr Ile Phe Thr Ala Val Phe Leu Ala  
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 Glu Met Thr Val Lys Val Val Ala Leu Gly Trp Cys Phe Gly Glu Gln  
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 Ala Tyr Leu Arg Ser Ser Trp Asn Val Leu Asp Gly Leu Leu Val Leu  
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 Lys Ile Leu Gly Met Leu Arg Val Leu Arg Leu Leu Arg Thr Leu Arg  
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Pro Leu Arg Val Ile Ser Arg Ala Gln Gly Leu Lys Leu Val Val Glu  
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 Thr Leu Met Ser Ser Leu Lys Pro Ile Gly Asn Ile Val Val Ile Cys  
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 Gly Lys Phe Phe Val Cys Gln Gly Glu Asp Thr Arg Asn Ile Thr Asn  
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 Ser Lys Asp Gly Trp Val Asp Ile Met Tyr Asp Gly Leu Asp Ala Val  
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 Asp Tyr Ser Arg Phe Arg Leu Leu Val His His Leu Cys Thr Ser His  
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 Tyr Leu Asp Leu Phe Ile Thr Gly Val Ile Gly Leu Asn Val Val Thr  
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Lys Ile Cys Asn Tyr Ile Phe Thr Val Ile Phe Val Phe Glu Ser Val  
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 1810 1815 1820  
 Glu Thr His Pro Cys Glu Gly Leu Gly Arg His Ala Thr Phe Arg Asn  
 1825 1830 1835 1840  
 Phe Gly Met Ala Phe Leu Thr Leu Phe Arg Val Ser Thr Gly Asp Asn  
 1845 1850 1855  
 Trp Asn Gly Ile Met Lys Asp Thr Leu Arg Asp Cys Asp Gln Glu Ser  
 1860 1865 1870  
 Thr Cys Tyr Asn Thr Val Ile Ser Pro Ile Tyr Phe Val Ser Phe Val  
 1875 1880 1885  
 Leu Thr Ala Gln Phe Val Leu Val Asn Val Val Ile Ala Val Leu Met  
 1890 1895 1900  
 Lys His Leu Glu Glu Ser Asn Lys Glu Ala Lys Glu Glu Ala Glu Leu  
 1905 1910 1915 1920  
 Glu Ala Glu Leu Glu Leu Glu Met Lys Thr Leu Ser Pro Gln Pro His  
 1925 1930 1935  
 Ser Pro Leu Gly Ser Pro Phe Leu Trp Pro Gly Val Glu Gly Val Asn  
 1940 1945 1950

Ser Pro Asp Ser Pro Lys Pro Gly Ala Pro His Thr Thr Ala His Ile  
 1955 1960 1965  
 Gly Ala Ala Ser Gly Phe Ser Leu Glu His Pro Thr Met Val Pro His  
 1970 1975 1980  
 Pro Glu Glu Val Pro Val Pro Leu Gly Pro Asp Leu Leu Thr Val Arg  
 1985 1990 1995 2000  
 Lys Ser Gly Val Ser Arg Thr His Ser Leu Pro Asn Asp Ser Tyr Met  
 2005 2010 2015  
 Cys Arg Asn Gly Ser Thr Ala Glu Arg Ser Leu Gly His Arg Gly Trp  
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 Pro Gly Leu Glu Pro Ser Trp Ala Lys Asp Pro Pro Glu Thr Arg Ser  
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 Ser Leu Glu Leu Asp Thr Glu Leu Ser Trp Ile Ser Gly Asp Leu Leu  
 2180 2185 2190  
 Pro Ser Ser Gln Glu Glu Pro Leu Ser Pro Arg Asp Leu Lys Lys Cys  
 2195 2200 2205



Tyr Ser Val Glu Thr Gln Ser Cys Arg Arg Arg Pro Gly Ser Trp Leu  
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 Asp Glu Gln Arg Arg His Ser Ile Ala Val Ser Cys Leu Asp Ser Gly  
 2225 2230 2235 2240  
 Ser Gln Pro Arg Leu Cys Pro Ser Pro Ser Ser Leu Gly Gly Gln Pro  
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 Ile Ser Ile Asp Pro Pro Glu Ser Gln Gly Ser Arg Pro Pro Cys Ser  
 2275 2280 2285  
 Pro Gly Val Cys Leu Arg Arg Arg Ala Pro Ala Ser Asp Ser Lys Asp  
 2290 2295 2300  
 Pro Ser Val Ser Ser Pro Leu Asp Ser Thr Ala Ala Ser Pro Ser Pro  
 2305 2310 2315 2320  
 Lys Lys Asp Thr Leu Ser Leu Ser Gly Leu Ser Ser Asp Pro Thr Asp  
 2325 2330 2335  
 Met Asp Pro Val Leu Pro Thr Leu Pro His His Leu Ser Pro Pro Gly  
 2340 2345 2350  
 Ala Asp Pro Ser Ser Ala Ser Trp Ala Ala Phe Leu Lys Ser Pro Thr  
 2355 2360 2365  
 Ala Ala Ser Ser His Glu Ala Pro His Leu Pro Ser Ser Val Ala Gly  
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 Gly Asp Asp Glu Gln Asn Phe Arg Arg Val Asp Leu Lys Arg Thr Gln  
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